

Mono

Bifacial

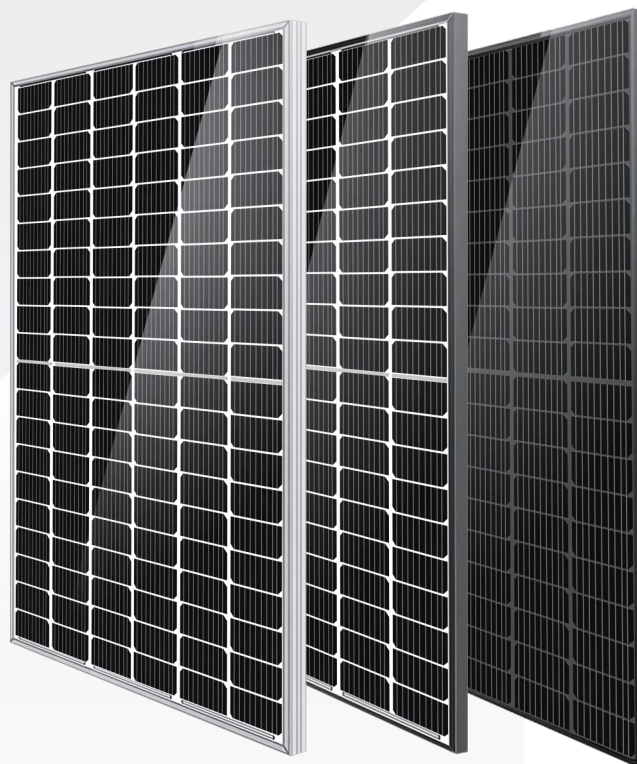
HORAY

Solar Lake

370–385 Watt

MONO-FACIAL MODULE

- IEC61215: 2021
- IEC61730: 2016
- TUV Rheinland Standard
- Lloyd's Ariel Re
- Solar Performance Insurance
- ISO9001: 2015
- Quality Management System
- ISO14001:
- Environmental Management System
- CE: Europe Standard
- Inmetro Certificate
- Japan JP-AC



KEY FEATURES



9BB Cell

More uniform current collection capability, reducing the current heat loss of the internal cells.



Low Light Features

Higher performance under low light environment.



Higher Output Power

The output power of 120 half-cells Monocrystalline modules is up to 385W.



PID Protection

Ensure the attenuation probability caused by PID phenomenon is minimized.



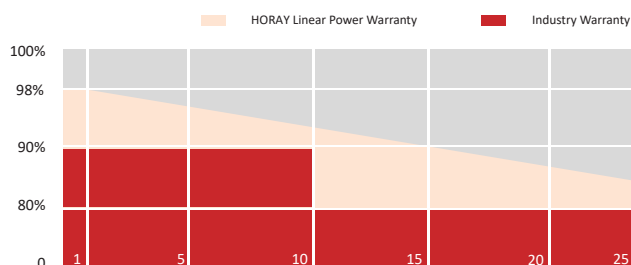
Harsh Environmental Adaptability

Strict salt spray and ammonia corrosion test by the third party.



Load Capacity

Mechanical load tests including wind load 2400 Pa and snow load 5400 Pa done by TUV.



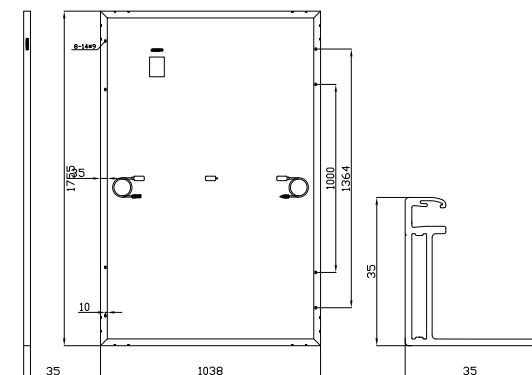
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MECHANICAL DIAGRAMS



SPECIFICATIONS

Weight	20kg
Dimension	1755mm*1038mm*35mm
Cell Dimension	166*83mm
Cell Amount	60*2 pcs
Maximum System Voltage	1500V
Junction Box	IP68
Frame	Aluminum Alloy
Cable	4mm ² , +300,-300mm/±1000mm Length can be customized
Connector	MC4 compatible
Application Level	Class A

ELECTRICAL PARAMETERS AT STC

Module Type	HS370-MHL	HS375-MHL	HS380-MHL	HS385-MHL
Power	370W	375W	380W	385W
Open Circuit Voltage	41.30V	41.50V	41.70V	41.90V
Short Circuit Current	11.37A	11.46A	11.55A	11.64A
Maximum Power Voltage	34.10V	34.30V	34.50V	34.70V
Maximum Power Current	10.86A	10.95A	11.04A	11.10A
Module Efficiency	20.31%	20.59%	20.86%	21.13%

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL PARAMETERS AT NMOT

Power	280W	284W	288W	292W
Open Circuit Voltage	38.67V	38.90V	39.13V	39.46V
Short Circuit Current	9.10A	9.17A	9.24A	9.31A
Maximum Power Voltage	32.23V	32.42	32.61V	32.88V
Maximum Power Current	8.69A	8.76A	8.83A	8.88A
Module Efficiency	15.37%	15.59%	15.81%	16.03%

* Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

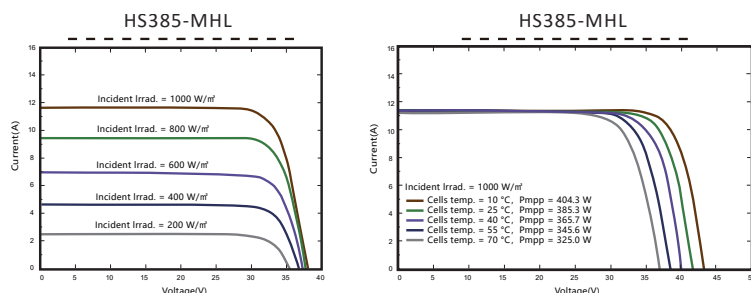
TEMPERATURE CHARACTERISTICS

NMOT	45±2°C	Temp Coefficient of ISC	+0.05%/°C
Temp Coefficient of VOC	-0.28%/°C	Temp Coefficient of Pmax	-0.34%/°C

PACKING CONFIGURATION

Modules/Pallet	31 Pieces	Modules/40' Container	858 Pieces
Packaging Description	26 Pallets, Total=(31+31+4)x13=858 Pieces		

IV CHARACTERISTICS



MAXIMUM RATING

Power selection	0~+5W
Measuring uncertainty of Pm	0~±3%
Operating Temperature	-40°C~+85°C
Wind Load/Snow Load	2400pa/5400pa
Fuse Current	20A

15 YEARS

Quality Warranty

25 YEARS

Power Warranty

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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